

METHOD AND BUSINESS PROCESS FOR THE ESTIMATION OF MEAN PRODUCTION FOR ASSEMBLE-TO-ORDER MANUFACTURING OPERATIONS

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Abstract of the Disclosure

A method for forecasting the mean production (the expected production) for a target planning period is provided. To begin this method, a user, or planner chooses one or more products for which the expected production is desired. The user then enters data describing each selected product. The data entered for each product includes data describing the demand for that product as well as data describing the components required for each product. Inter-product dependencies are also entered. The expected production for each selected product for the target planning-period is expressed as a sum of multidimensional integrals involving the data entered in the previous two steps. Once formulated, the integrals are evaluated. The result of this computation is then presented to the user.